

SGMA Regulations

Passed in 2014

SGMA is a law that changed California water law, it allows local municipalities to handle water rights

- Profound effects on local economies, land use and agriculture
 - Will have ripple effects throughout the state
- Main themes of SGMA
 - Basin Management
 - The state of CA has recognized a certain basins in the state that need to be in compliant with SGMA
 - Management should be held at a local level
 - Local agencies (water and land management)
 - Most agencies that can be granted status of a water management agency filed to be one
 - Local governments will set the sustainability criteria
- SGMA Timeline
 - 2017- establish agencies that will be responsible
 - 2018- adjust basin boundaries
 - 2022- submit sustainability plans
 - 2022-2042 implementation
 - Sustainability plans should be achieved by 2042
- 4 sub basins in our regions
 - Vina Sub basin
 - West Butte
 - East Butte
 - Wine Dot
- Job of agencies and sustainability plans
 - All agencies submit one plan to the state
 - Look at current level of the subbasin
 - What does it look like
 - Identify the current and future conditions
 - Current and future demand
 - Projections and supply
 - Climate change
 - Growth in city
 - Land use
- Law only applies to ground water basins
 - And where the demand for water is very high
 - PRIVATE AREAS ARE NOT SUBJECT TO THE ACT OR AREAS OUTSIDE THE BASIN
- What agencies want to avoid
 - Lower ground water levels

- Reduction of ground water storage
- Seawater intrusion
- Water quality degradation
- Land subsidence
- Stream depletion that affects ecosystem
- For our local sub basins main threats :
 - Medium level threats
 - Reduction of ground water storage
 - Land subsidence
 - Water quality degradation
 - High level threats
 - Decline of groundwater levels
 - Depletion of interconnected streams
- How to avoid threats
 - Decrease pumping and increase recharge
- In Butte County
 - Identify recharge
 - Ponding of storm flow and surface water
 - Economic evaluation of dual system
 - Surface and groundwater
 - Only use groundwater when needed
- Provides foundation for economically viable and sustainable solutions

Local Perspective- Western Canal District Nelson CA

- Would like to be an agency in charge of SGMA because they provide water to West and East Butte Sub Basin
- They have a history of having good recharge rates